

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| S1    | 1     | ("6546058").PN.  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2008/10/09<br>16:00 |
| S2    | 2     | "20030144003"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/10/09<br>16:00 |
| S3    | 1     | "10580729"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/10/09<br>16:17 |
| S4    | 50827 | hand\$off or (hand adj off) or hand\$over or (hand adj over) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/10/09<br>16:38 |
| S5    | 33413 | ad\$hoc (ad adj hoc) (peer adj to adj peer) piconet manet    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/10/09<br>16:39 |

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| S6  | 1801  | S4 and S5                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:39 |
| S7  | 12378 | 455/450,437,422,1,522,436,442,439,562.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:50 |
| S8  | 16755 | 370/331,342,338,328,332,335.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:51 |
| S9  | 5149  | 375/285,130,346.ccls.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:52 |
| S10 | 221   | S6 and S7                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:52 |
| S11 | 47    | S10 and S8                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:52 |

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| S12 | 32      | S11 and (@ad<="20031101", @rlad<="20031101")                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/09<br>16:53 |
| S20 | 2       | ((DAN) near2 (SHANG)).INV.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/10/10<br>12:11 |
| S21 | 232     | ((LI) near2 (SUN)).INV.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/10/10<br>12:11 |
| S22 | 6065    | (peer adj to adj peer) ("peer-to-peer") "p2p"                     | USPAT   | OR | OFF | 2008/10/10<br>16:20 |
| S23 | 50221   | (neighbor\$3 adjacent next) near2 (cell sector zone)              | USPAT   | OR | OFF | 2008/10/10<br>16:22 |
| S24 | 50827   | hand\$off or (hand adj off) or hand\$over or (hand adj over)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>16:22 |
| S25 | 454     | S24 and S22   | USPAT   | OR | OFF | 2008/10/10<br>16:22 |
| S26 | 33      | S25 and S23   | USPAT   | OR | OFF | 2008/10/10<br>16:23 |
| S27 | 66147   | (mobile wireless portable cell\$5) adj (phone node unit equip\$5) | USPAT   | OR | OFF | 2008/10/10<br>16:24 |
| S28 | 2868659 | (both other another)  | USPAT   | OR | OFF | 2008/10/10<br>16:25 |
| S29 | 20      | S26 and S27   | USPAT   | OR | OFF | 2008/10/10<br>16:25 |
| S30 | 20      | S29 and S28   | USPAT   | OR | OFF | 2008/10/10<br>16:25 |

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| S31 | 19    | S30 and (@ad<="20031101", @rlad<="20031101")                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>16:26 |
| S32 | 6878  | (peer adj to adj peer) ("peer-to-peer") (direct adj mode)    | USPAT   | OR | OFF | 2008/10/10<br>17:35 |
| S33 | 50827 | hand\$off or (hand adj off) or hand\$over or (hand adj over) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>17:35 |
| S34 | 475   | S33 and S32  | USPAT   | OR | OFF | 2008/10/10<br>17:35 |
| S35 | 442   | S34 and (@ad<="20031101", @rlad<="20031101")                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>17:35 |
| S36 | 50221 | (neighbor\$ adjacent next) near2 (cell sector zone)          | USPAT   | OR | OFF | 2008/10/10<br>17:37 |
| S37 | 30    | S35 and S36  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>17:37 |
| S38 | 30    | S37 and (@ad<="20031101", @rlad<="20031101")                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>17:38 |

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| S39 | 6878  | ("peer-to-peer") (direct adj mode)  | USPAT   | OR | OFF | 2008/10/10<br>18:32 |
| S40 | 475   | S33 and S39   | USPAT   | OR | OFF | 2008/10/10<br>18:32 |
| S41 | 442   | S40 and (@ad<="20031101", @rlad<="20031101")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>18:32 |
| S42 | 2     | "6415146".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>19:07 |
| S49 | 3     | "2002160770"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/10<br>19:32 |
| S51 | 1     | "20020160770"   | US-PGPUB  | OR | OFF | 2008/10/10<br>19:33 |
| S52 | 50877 | hand\$off or (hand adj off) or hand\$over or (hand adj over)                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:09 |
| S53 | 8093  | S52 and ((many plural\$3 multiple several various) with (phone cellphone node prtble unit)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:09 |

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| S54 | 5594 | S53 and (@ad<="20031101", @rlad<="20031101")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:09 |
| S55 | 6913 | (peer adj to adj peer) ("peer-to-peer") (direct adj mode)                                  | USPAT   | OR | OFF | 2008/10/14<br>10:10 |
| S56 | 228  | S54 and S55  | USPAT   | OR | OFF | 2008/10/14<br>10:10 |
| S57 | 228  | S56 and (@ad<="20031101", @rlad<="20031101")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:10 |
| S58 | 6983 | S52 and ((many pulral\$3 multiple ) with (phone cellphone node unit (user adj equipment))) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:18 |
| S59 | 4696 | S58 and (@ad<="20031101", @rlad<="20031101")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:19 |
| S60 | 214  | S59 and S55  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:19 |

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| S61 | 214   | S60 and (@ad<="20031101", @rlad<="20031101")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:19 |
| S62 | 5526  | S52 and ((pulra\$3 multiple) with (phone cellphone node unit (user adj equipment))) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:31 |
| S63 | 200   | S55 and S62   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:33 |
| S64 | 177   | S63 and (@ad<="20031101", @rlad<="20031101")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:33 |
| S65 | 27175 | S52 and (pulra\$3 multiple)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:37 |
| S66 | 477   | S52 and S55   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:37 |

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| S67 | 444   | S66 and (@ad<="20031101", @rlad<="20031101") | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>10:37 |
| S68 | 29511 | qos (quality adj of adj service)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>11:17 |
| S69 | 4205  | S52 and S68                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>11:17 |
| S70 | 141   | S55 and S69                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>11:17 |
| S71 | 136   | S70 and (@ad<="20031101", @rlad<="20031101") | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>11:17 |
| S72 | 42429 | {direct adj (mode or communicat\$4)}         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:31 |



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| S73 | 2764  | S72 and "455"/\$.cds.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:32 |
| S74 | 50877 | hand\$off or (hand adj off) or hand\$over or (hand adj over)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:32 |
| S75 | 533   | S73 and S74   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:32 |
| S76 | 407   | S75 and (@ad<="20031101", @rlad<="20031101")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:32 |
| S79 | 2     | "6574266".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/14<br>13:51 |
| S80 | 78    | ("4453247"   "4841574"   "5148429"   "5353341"  <br>"5439775"   "5491837"   "5528623"   "5636243"  <br>"5699409"   "5717689"   "5903618"   "6026297"  <br>"6138019").PN. OR ("6574266").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/05/04<br>10:18 |
| S81 | 1     | "10580729"  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/05/04<br>11:21 |

## EAST Search History (Interference)

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